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Figure 1a

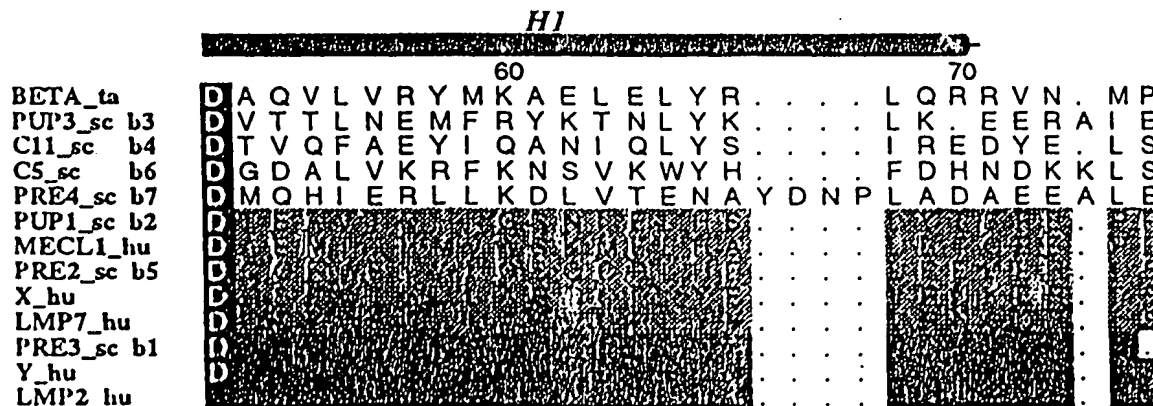
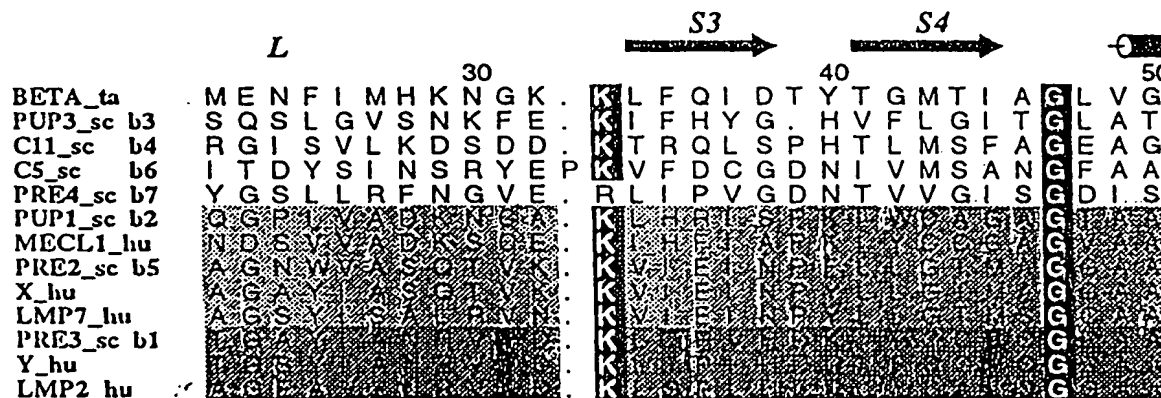
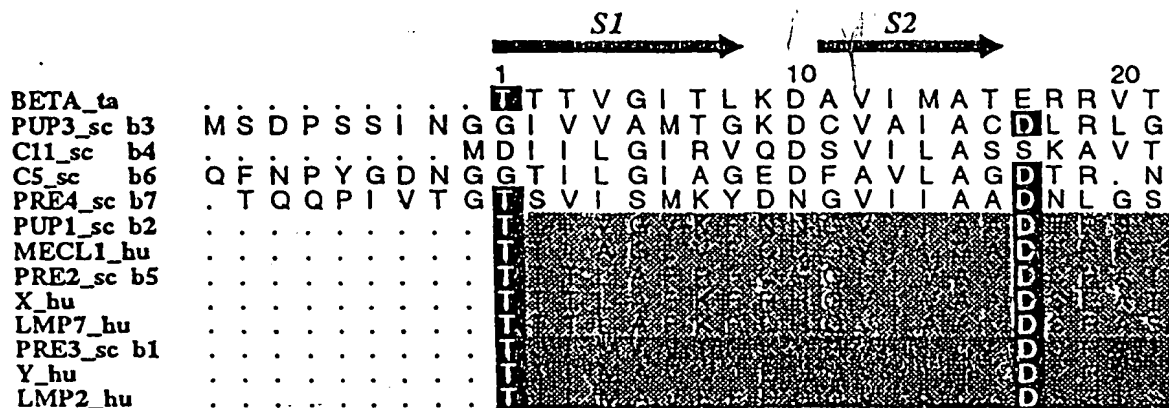


Figure 1b

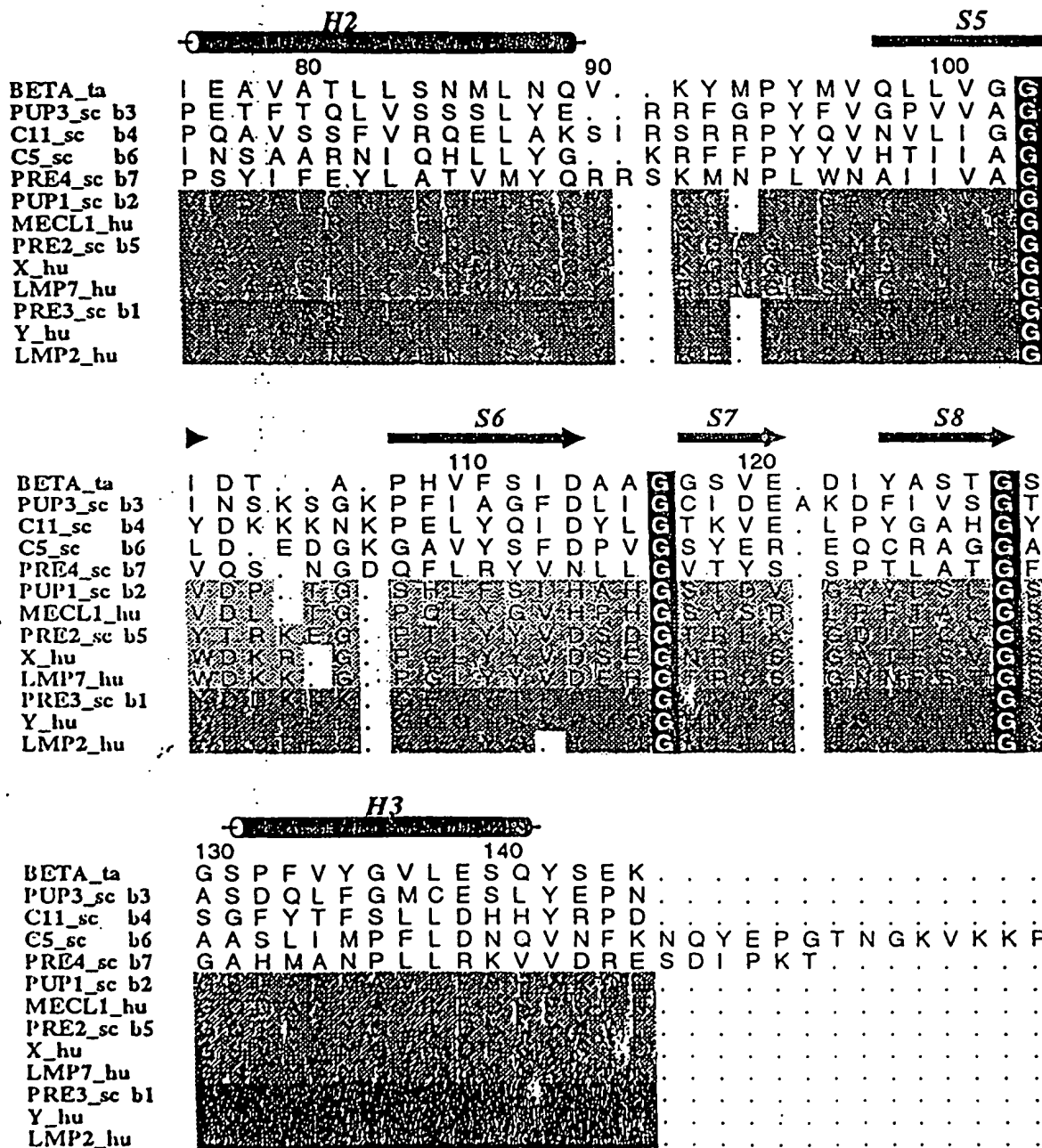


Figure 1c

**H4**

150                      160                      170

BETA\_ta . . . MT V D E G V D L V I R A I S A A K Q R D S A S G G M  
PUP3\_sc b3 . . . L E P E D L F E T I S Q A L L N A A D R D A L S G W G  
C11\_sc b4 . . . M T T E E G L D L L K L C V Q E L E K R M P M D F K G  
C5\_sc b6 L K Y L S V E E V I K L V R D S F T S A T E R H I Q V G D G  
PRE4\_sc b7 . . . T V Q V A E E A I V N A M R V L Y Y R D A R S S R N  
PUP1\_sc b2 . . . [REDACTED]  
MECL1\_hu . . . [REDACTED]  
PRE2\_sc b5 . . . [REDACTED]  
X\_hu . . . [REDACTED]  
LMP7\_hu . . . [REDACTED]  
PRE3\_sc b1 . . . [REDACTED]  
Y\_hu . . . [REDACTED]  
LMP2\_hu . . . [REDACTED]

**S9**                      **S10**                      **H5**

180                      190                      200

BETA\_ta I D V A V I T R K D G Y V Q L P T D Q I E S R I R K L G L I  
PUP3\_sc b3 A V V Y I I K K D E V V K R Y L K M R Q D . . . . .  
C11\_sc b4 V I V K I V D K D G I R Q V D D F Q A Q . . . . .  
C5\_sc b6 L E I L I V T K D G V R K E F Y E L K R D . . . . .  
PRE4\_sc b7 F S L A I I D K N T G L T F K K N L O V E N M K W D F A K D  
PUP1\_sc b2 V D A G V A I K T G A K E L R T S S P T E P V K F S G S  
MECL1\_hu V N L Y R V I E D G W I R S C N V A D L H E K S G S  
PRE2\_sc b5 V N L Y R V I E D G W I R S C N V A D L H E K S G S  
X\_hu V N L Y R V I E D G W I R S C N V A D L H E K S G S  
LMP7\_hu V N L Y R V I E D G W I R S C N V A D L H E K S G S  
PRE3\_sc b1 V N L Y R V I E D G W I R S C N V A D L H E K S G S  
Y\_hu V N L Y R V I E D G W I R S C N V A D L H E K S G S  
LMP2\_hu V N L Y R V I E D G W I R S C N V A D L H E K S G S

210                      220

BETA\_ta L . . . . .  
PUP3\_sc b3 . . . . .  
C11\_sc b4 . . . . .  
C5\_sc b6 . . . . .  
PRE4\_sc b7 I K G Y G T Q K I  
PUP1\_sc b2 [REDACTED]  
MECL1\_hu [REDACTED]  
PRE2\_sc b5 [REDACTED]  
X\_hu [REDACTED]  
PRE3\_sc b1 [REDACTED]  
Y\_hu [REDACTED]  
LMP2\_hu [REDACTED]

Figure 1d

BETA_ta	.	.	.
PUP3_sc b3	.	.	.
C11_sc b4	.	.	.
C5_sc b6	.	.	.
PRE4_sc b7	.	.	.
PUP1_sc b2	.	.	.
MECL1_hu	.	.	.
PRE2_sc b5	.	.	.
X_hu	.	.	.
LMP7_hu	.	.	.
PRE3_sc b1	.	.	.
Y_hu	.	.	.
LMP2_hu	.	.	.

09/381286 "120799

Figure 2

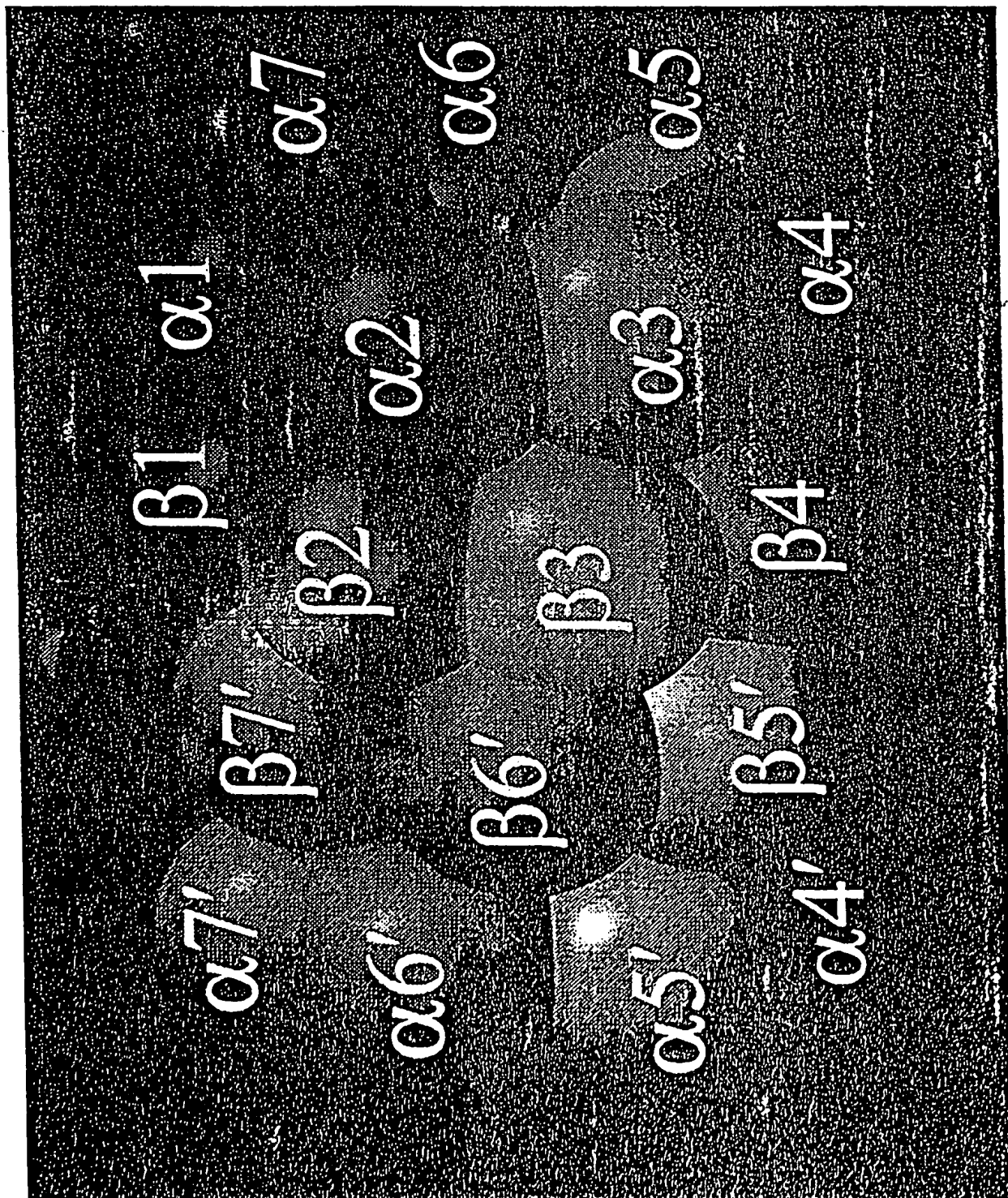
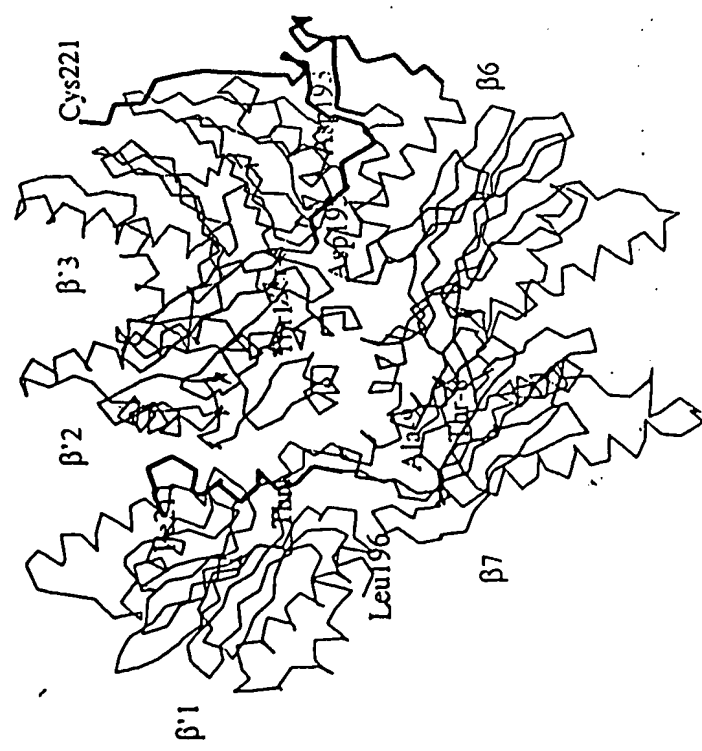
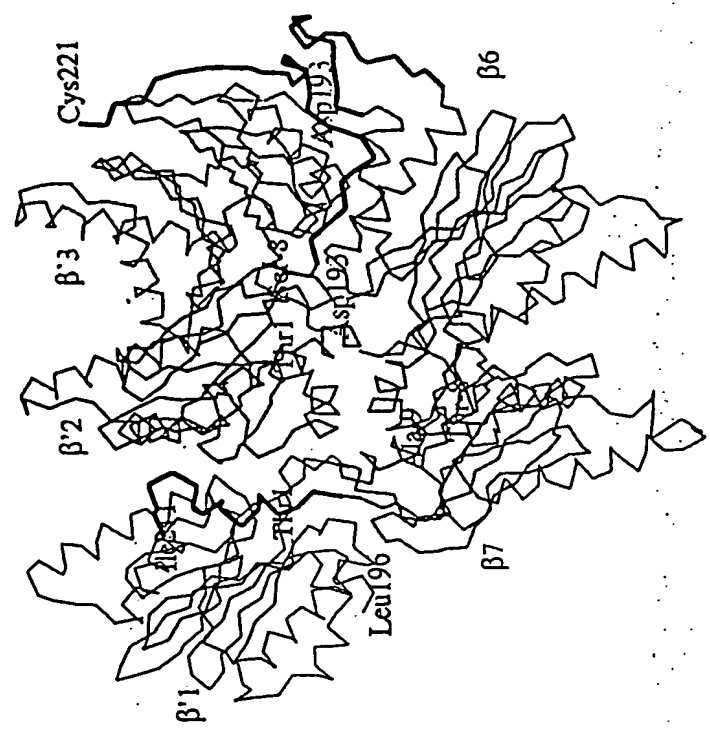


Figure 3



66202T" 982T8E60

Figure 4a

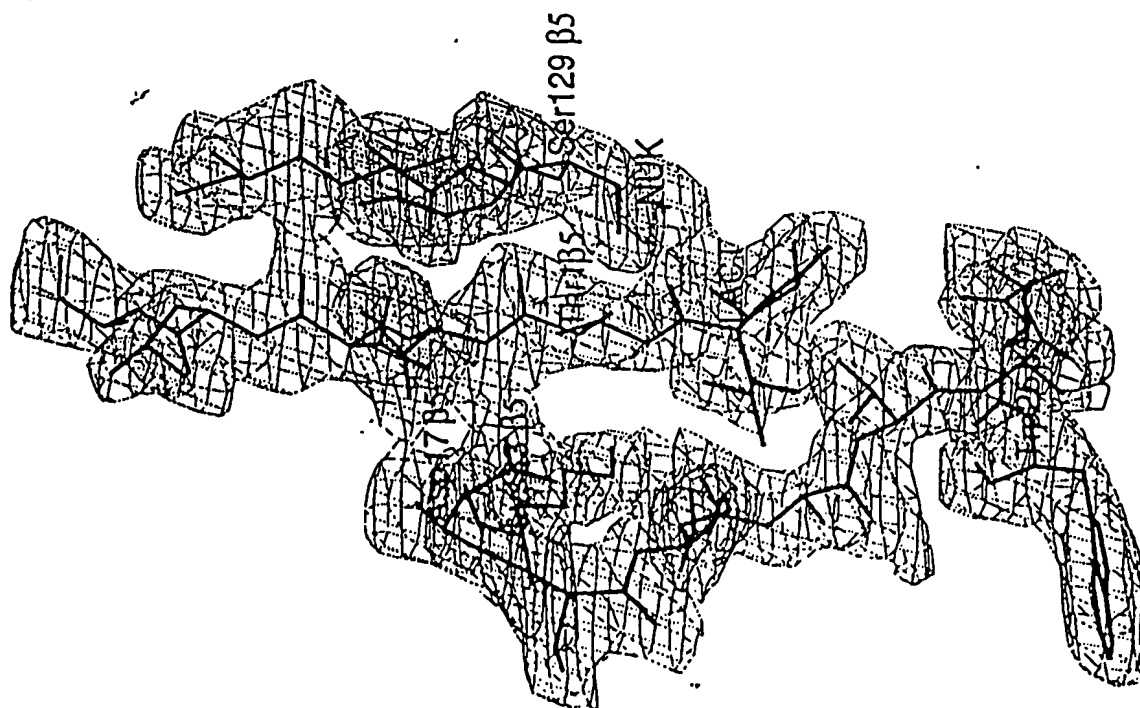
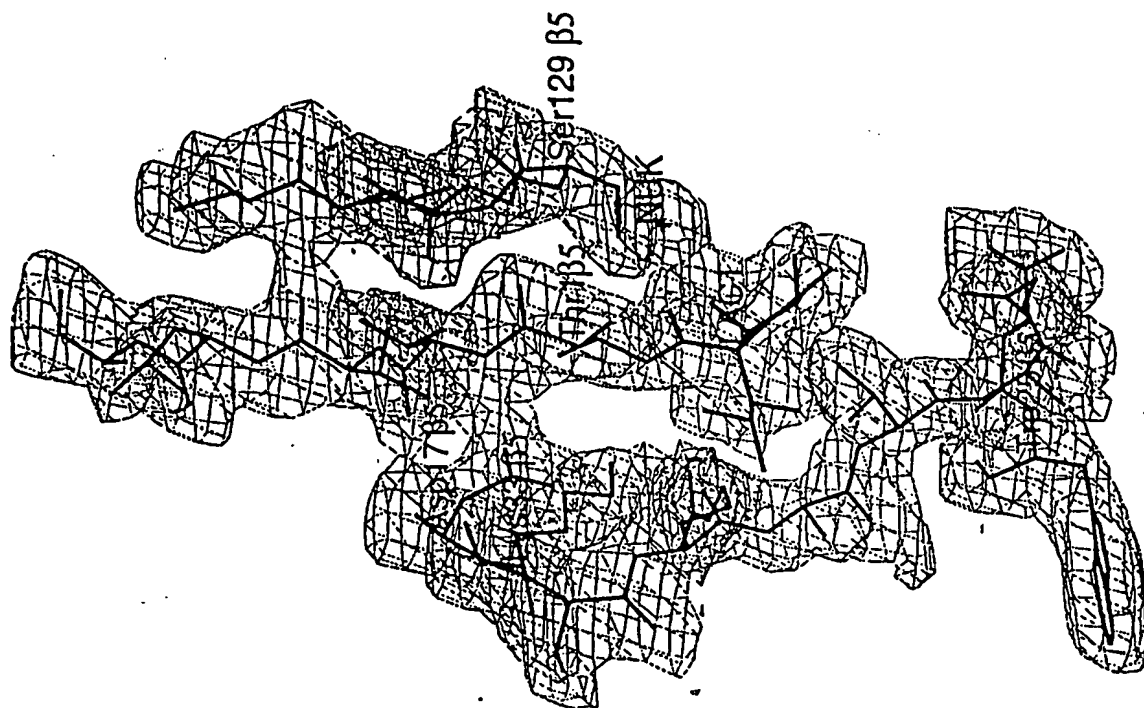




Figure 4b

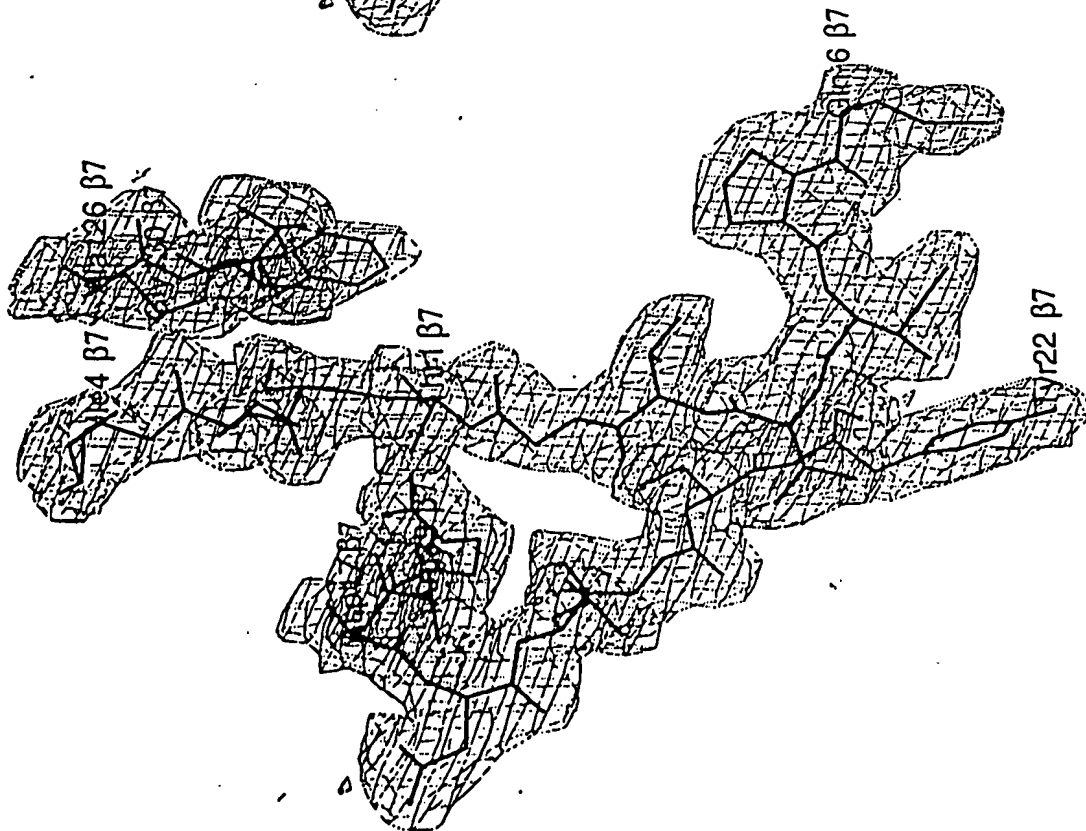
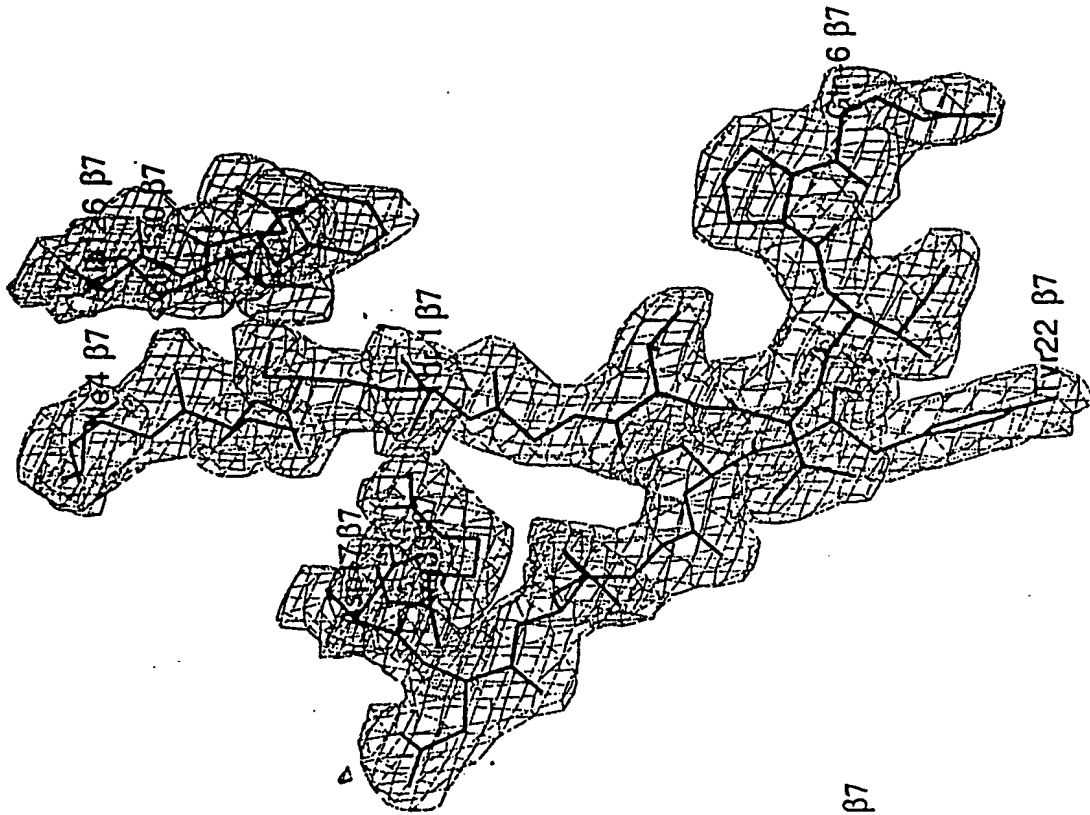




Figure 6a

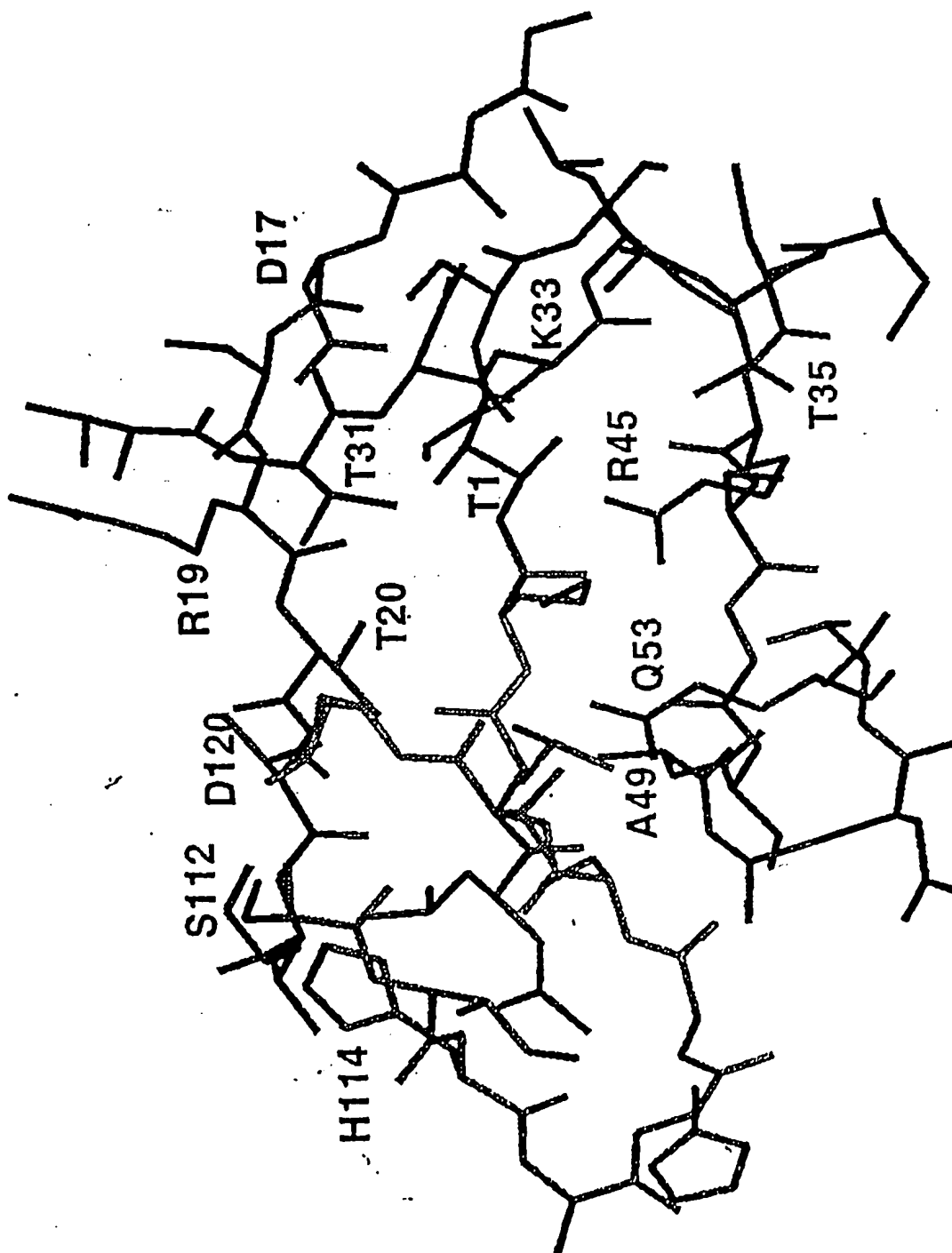


Figure 6b

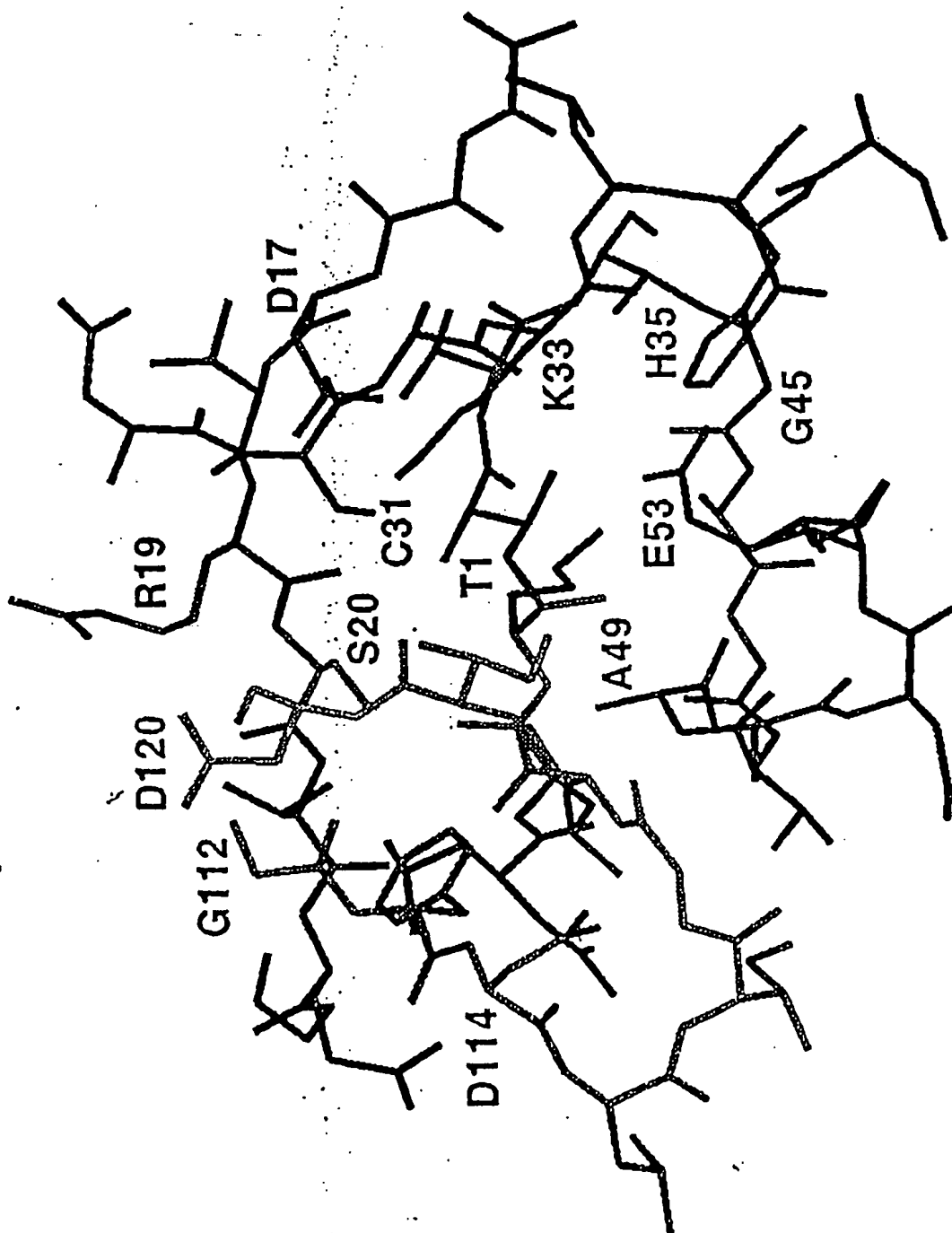


Figure 6c

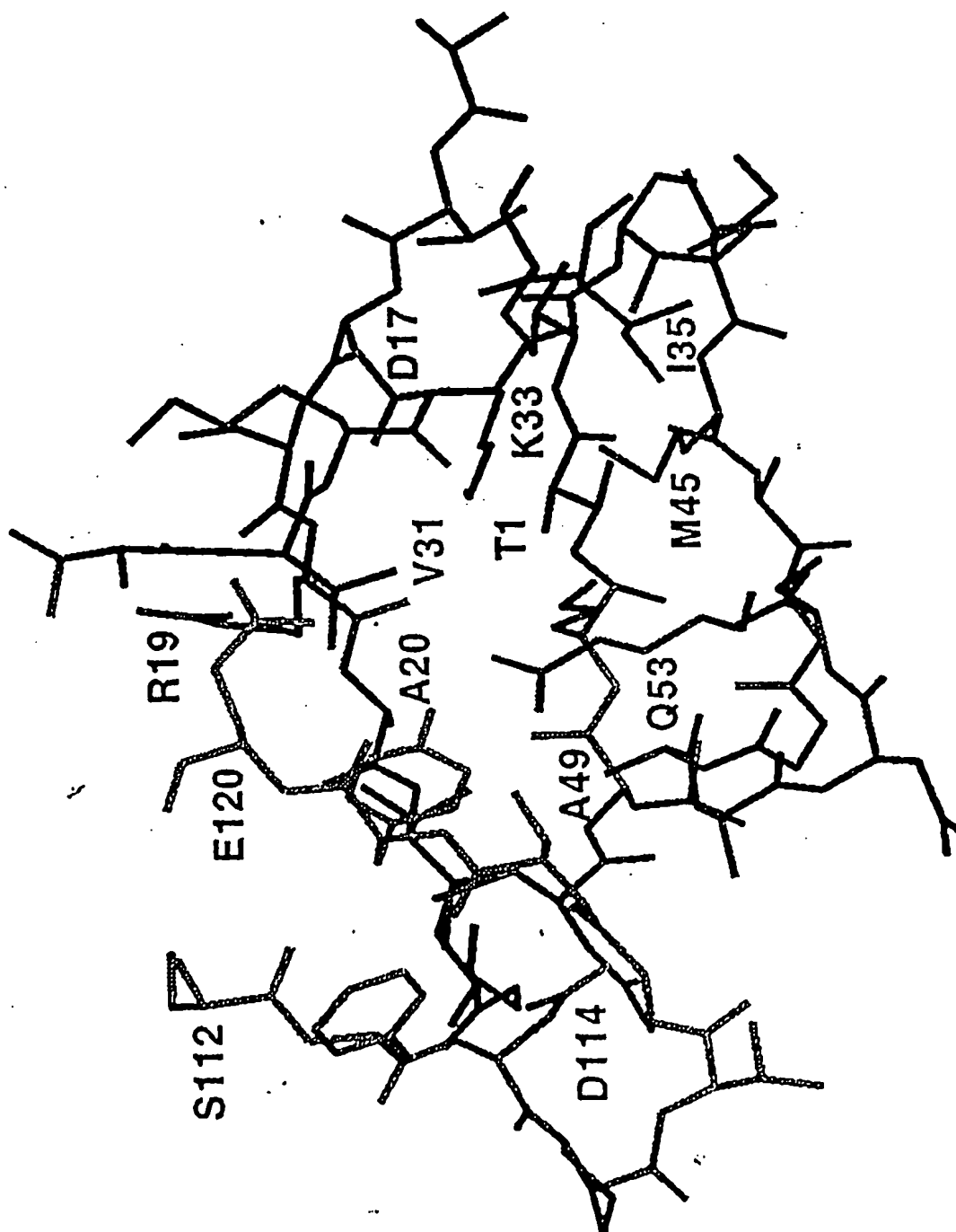


Figure 7

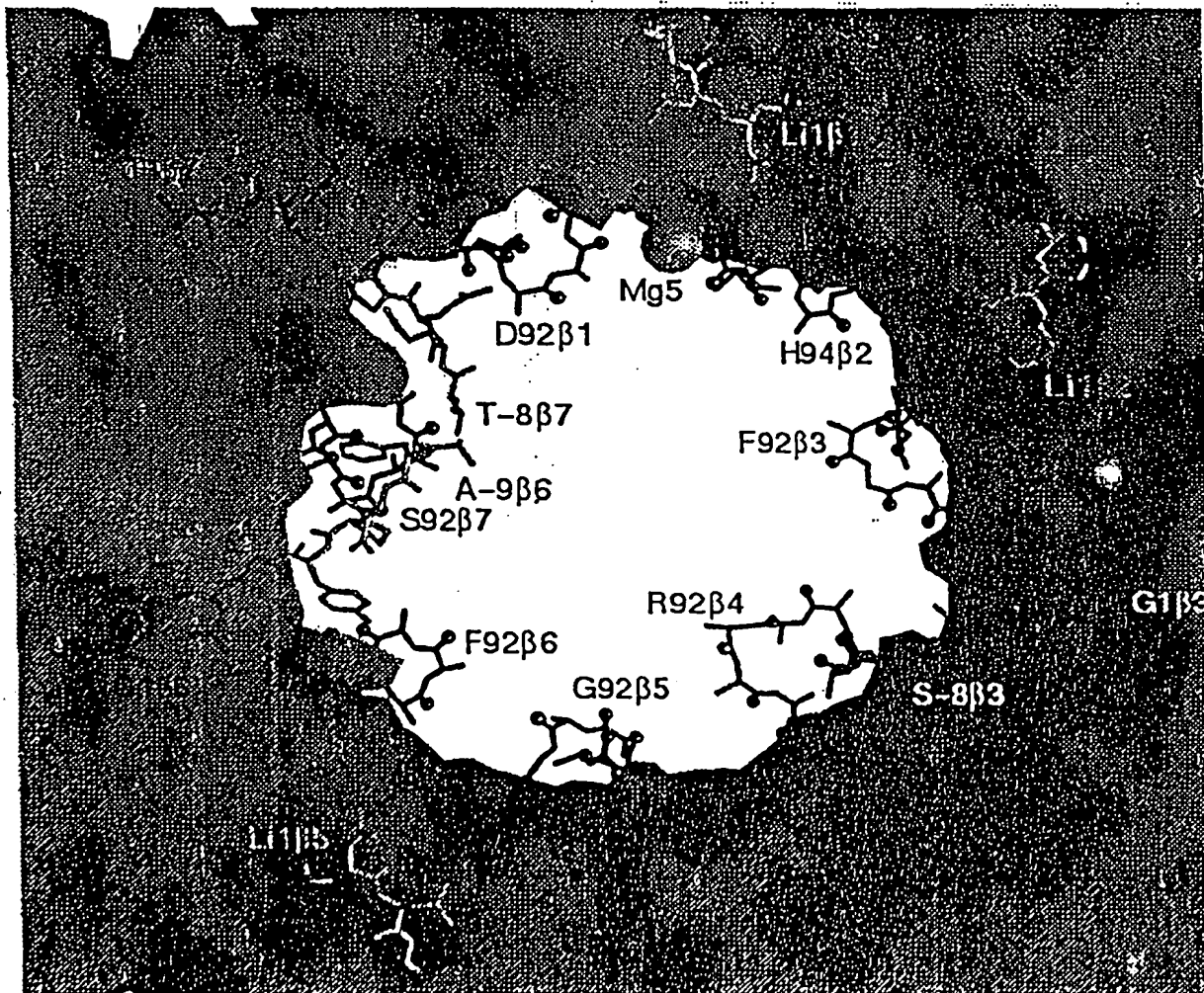


Figure 8

